

SADOVNIKOV, V.; RUMER, M.

Seniors help juniors. NTO 3 no.3:40-42 Mr '61.

(MIRA 14:3)

1. Zamestitel' predsedatelya soveta nauchno-tekhnicheskogo obshchestva Moskovskogo zavoda malolitrazhnykh avtomobiley (for Sadovnikov). 2. Sotrudnik zavodskoy gasety "Za sovetskuyu malolitrazhku" (for Rumer).

(Balashikha---Machinery industry)

SADOVNIKOV, V.; ALOVYAGIN, I.

We are reorganizing our work. Zashch.rast.ot vred.i bol. 7
no.6:15 Je '62. (MIRA 15:12)

1. Zamestitel' direktora Kokchetavskoy oblastnoy stantsii zashchity
rasteniy (for Sadovnikov). 2. Glavnyy agronom Kokchetavskoy oblast-
noy stantsii zashchity rasteniy (for Alovayagin).
(Kokchetav Province—Plants, Protection of)

SADOVNIKOV, V.; YASINOVSKIY, M.; ESTRIN, R.; ABRAMOV, G.; FRIDMAN, Ye.

Technical information. Okhr. truda i sots. strakh. 6 no.8:41-44
Ag '63. (MIRA 16:10)

SADOVNIKOV, V.; RUMER, M.

Public inspection continues. NTO 5 no.5:14-16 My '63.
(MIRA 16:7)

1. Predsedatel' zavodskoy smotrovoy komissii Moskovskogo zavoda malolitrzhnykh avtomobiley (for Sadovnikov).
2. Otvetstvennyy sekretar' gazety "Za sovetskuyu malolitrzhku" (for Rumer).

(Moscow—Automobile industry)

SADOVNIKOV, V.A.

Organization of single-purpose selection of information materials;
practices of the Moscow Small Car Plant. NTI no.3:9-11 165,
(MIRA 18:6)

SADOVNIKOV, V.A.; BLOSHTEYN, Ye.A.

Honoring the trade mark. Avt.prom. 29 no.1:47-48 Ja '63.
(MIRA 16:1)

1. Moskovskiy zavod malolitrazhnykh avtomobiley i Nauchno-issle-
dovatel'skiy tekhnologicheskoy institut avtomobil'noy promyshlen-
nosti.

(Moscow--Automobile industry)

SADOVNIKOV, V.A.

Information research is an urgent objective. Mashinostroitel'
no.7:42 J1 '63. (MIRA 16:9)

1. Nachal'nik otдела tekhnicheskoy informatsii i izobretatel'stva
Moskovskogo zavoda malolitrzhnykh avtomobiley.
(Technology--Information services)

SADOVNIKOV, V.A.; YASINOVSKIY, M.Ya.

Establishing a reference and information collection at a
plant. Opyt. rab. po tekhn. inform. i prop. no.3:24-28 '63.
(MIRA 16:12)

1. Nachal'nik otдела tekhnicheskoy informatsii i izobretatel'-
stva Moskovskogo zavoda malolitrzhnykh avtomobiley (for
Sadovnikov). 2. Starshiy inzh. Moskovskogo zavoda malolitrzhnykh
avtomobiley (for Yasinovskiy).

SADOVNIKOV, V.I., uchitel'

Zoology "study room" on the window sill. Biol. v shkole no.5:82
S-O '58. (MIRA 11:11)

1. Shkola No.75, Kuybyshev.
(Zoology--Study and teaching)

SADOVNIKOV, V.I., učitel'

Model of a winter cress flower. Biol.v shkole no.4:94 J1-Ag '62.
(MIRA 15:12)

1. Srednaya shkola No.75, Kuybyshev.
(Botany--Audio-visual aids)

L 28425-66 EWT(1)/T JK

ACC NR: AP6019117

SOURCE CODE: UR/0016/65/000/011/0079/0081

AUTHOR: Uvarov, A.A. ; Sadovnikov, V. I.

ORG: Orenburg Medical Institute (Orenburgskiy meditsinskiy institut)

TITLE: Passive sensitization of the body to Brucella allergen 42

SOURCE: Zhurnal mikrobiologii, epidemiologii i immunobiologii, no. 11, 1965, 79-81

TOPIC TAGS: bacteria, bacteriology, vaccine, Brucella, experiment animal

ABSTRACT: Donor guinea pigs were sensitized with a vaccine strain of live Brucella. Citrated blood from these animals was injected intramuscularly into recipient guinea pigs which had reacted negatively to brucellin. Within 24 hours they developed an inflammatory reaction at the injection site, red-denening, and distinct skin edema. The specificity of the reaction was confirmed by control experiments with tuberculin and tularin. Experiments on six guinea pigs showed that allergic sensitivity persisted from 12 days to 8 weeks. Passive allergy could also be induced by injecting blood plasma or formed elements. Intradermal injection of plasma caused a local allergy.

In an experiment on two guinea pigs, passive allergy was induced by heterologous blood. Citrated blood from a patient with acute brucellosis and from another with chronic brucellosis were mixed together in equal parts and injected intramuscularly into the animals. Twenty-four hours later they were injected with brucellin to which both animals had a distinct positive reaction at the injection site. [JPRS]

SUB CODE: 06 / SUBM DATE: 30Aug64 / ORIG REF: 005

Card 1/1 2C

UDC: 616.981.42-056.3

KOROSTELIN, V.P.; KORDIN, Ye.I., inzh.; SADOVNIKOV, V.S., inzh.

Subassembly of single-channel voice-frequency carrier telegraph apparatus for operation in consumer telegraph networks and straight connection systems without terminal receiver panels. Vest.sviazi 25 no.1:7-9 Ja '65. (MIRA 18:4)

1. Laboratoriya Kuybyshevskogo telegrafa. 2. Nachal'nik laboratorii Kuybyshevskogo telegrafa (for Korostelin).

L 47456-66 EWP(d)/EWT(m)/EWP(v)/T/EWP(k)/EWP(h)/EWP(l) DJ

ACC NR: AP6030637

SOURCE CODE: UR/0413/66/000/016/0149/0149

INVENTOR: Sadovnikov, V. V.; Musin, E. I.; Uvarov, V. G.; Kostyuk, I. Ye. 37
B

ORG: none

TITLE: A device for the manual and automatic coupling and uncoupling of hydraulic systems. Class 72, No. 185241

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 16, 1966, 149

TOPIC TAGS: hydraulic equipment, auxiliary aircraft equipment, *valve*

ABSTRACT: This Author Certificate introduces a device for the manual and automatic coupling and uncoupling of hydraulic systems such as those found in aircraft. It consists of outer and inner half-joints. The outer half-joint contains a nipple joint and a floating frame with a movable valve seat and a spring. The inner half-joint includes a fixed frame with a valve inside. For easier separation and smoother operation, without any lateral displacements when coupled, the movable valve of the inner half-joint has a channel connection with the outside atmosphere, and the floating frame of the outer half-joint has hinged spring-supported rods. The rods include a tooth for tripping onto the valve guide shoulder of the inner half-joint; and the nipple joint has a rigidly mounted compensating gear with a screwed-on bushing which contains a contoured projection to activate the rods during separation. [SA]

Orig. art. has: 1 figure.

SUB CODE: 13, 01/ SUBM DATE: 19Mar65

Card 1/1 (P.P.)

UDC: 623.419; 621.643

S/229/62/000/011/001/002
E191/E435

AUTHOR: Sadovnikov, Yu.M., Candidate of Technical Sciences

TITLE: Certain peculiarities in the analysis of the propulsion
of ships with submerged hydrofoils

PERIODICAL: Sudostroyeniye, no.11, 1962, 11-13

TEXT: A ship is considered carried on two hydrofoils, one at each end of the ship. The engine transmits its power to the propeller through an oblique propeller shaft and the propeller operates in yawed flow. This model contains the basic peculiarities in the operation of the propeller. The vertical component of the total propeller thrust is taken into account as a correction of the weight of the ship. A propeller in yawed flow has a thrust component at right angles to the propeller axis. A formula is given for this transverse component in terms of the basic quantities of the propeller. The effect of the propeller(s) on the drag and propulsive properties of hydrofoil vessels is evaluated in an elementary fashion. A graph shows the effect of the propeller on the drag and the propulsive efficiency of the machine as well as on the weight correction. The effect is substantial, Card 1/2

Certain peculiarities ...

S/229/62/000/011/001/002
E191/E435

especially with an improving hydrodynamic quality of the vessel.
Propellers become in part buoyancy elements. The total
hydrodynamic quality of the ship is evaluated. There are
4 figures. ✓

Card 2/2

BASIN, M.A.; YEGOROV, I.T.; ISAYEV, I.I.; KRAMAREV, Ye.A.; SADOVNIKOV, Yu.M.
(Leningrad)

"Some features of the use of gaseous media to change hydrodynamical characteristics of solids moving in a fluid"

report presented at the 2nd All-Union Congress on Theoretical and Applied Mechanics, Moscow, 29 January - 5 February 1964

BUN'KOV, M.M., inzh.; SADOVNIKOV, Yu.M., inzh.

Resistance and propulsion characteristics of high-speed motorboats.
Sudostroenie 24 no.7:73-78 J1 '58. (MIRA 11:9)
(Motorboats) (Ship resistance) (Ship propulsion)

SADOVNIKOVA, A. G.		21	
Ca			
Sanitary-hygienic evaluation of Saratov natural gas. 1. 1. Los and A. G. Sadovnikova (Saratov Sanitary-hyg. Inst.) <i>Ilg. i Sanit. (U.S.S.R.)</i> 10, No. 12, 21-5 (1945). - A sample from one well contained: CH_4 90.9-94.7, C_2H_6 0.7-2.3, C_3H_8 0.5-2.3, C_4H_{10} 0.3-0.6, C_5 and higher 0.2-0.2, N_2 2.4-4.8, O_2 0.1-0.2% by vol.; also, H_2S was found in the amt. 0.0058, 0.0118, and 0.004% by wt. The gas was tested by burning it in a room and in a closed chamber; the amt. of O_2 decrease was insignificant, from 20.5-20.6% down to 19.8% after burning 210 l. of gas; but CO_2 vol. was high, up to 12% by vol., CO 0.0425-0.2561 mg./l.; there was little difference between a blue and a yellow flame. In dwellings where the gas was used for lighting there were complaints characteristic of CO poisoning. The boiler rooms also contained CO 0.031-0.08, and up to 0.131 mg./l. The flue gases contained up to 1% CO. Hydrocarbons were found only in 5 out of a series of 10 observations, 0.373-2.085 mg./l. No mercaptans or C_8 was found in the natural gas, and no S compounds were found in the products of its combustion. N_2O_4 was 0.001-0.005 mg./l.; no $HCHO$ was detected. The gas is satisfactory but greater care should be exercised in more complete combustion and prevention of unconsumed gas escaping through the burners. Boris Gutoff			
ASACSLA METALLURGICAL LITERATURE CLASSIFICATION			

SADOVNIKOVA, A. G.

U.S.S.R.

The effect of a petroleum refinery on the [surrounding] atmosphere. L. I. Los, A. G. Sadovnikova, R. M. Solovlev, and D. Ya. Turets (Kuchmar'skaya Hvy. Inst., Saratov, Russia). *Gigiena i Sanit.* 1950, No. 8, 8-13; *Chem. Zentr.* 1951, II, 2033. The atm. was found to be contaminated with hydrocarbons and to some extent with H_2S in a height of 0-8 m. and for a radius of up to 2000 m. around the refinery. M. G. Moore

MS 22

SADOVNIKOVA (RODINA), Aleksandra Georgiyevna

Treatment of Serous-Fibrinous Pleurisy Early, Through the Possibility
of Maximum Removal of Exudation

Dissertation for Candidate of Medical Science degree, Chair of the
Department of Therapeutic (Peofaka), (head, Prof. Ye. Yu. Makhlin)
Saratov Medical Institute, 1950

** Faculty Therapy*

SADOVNIKOVA, A.G.

Toxicity of tetrachlorobenzene. Gig.i san. 25 no.11:91-93 N '60.
(MIRA 14:1)

1. Iz Saratovskogo instituta gigiyeny i profpatologii.
(BENZENE)

SADOVNIKOVA, G. I.

USSR/Chemistry - Physical chemistry

Card 1/1 : Pub. 147 - 15/21

Authors : Shushunov, V. A.; Sadovnikova, G. I.; and Andreev, B. Ya.

Title : Kinetics of barium sulfate reduction

Periodical : Zhur. fiz. khim.¹⁸, 1472-1478, Aug 1954

Abstract : The kinetics of BaSO_4 reduction with C, H and CO, was investigated. It was found that the reduction of BaSO_4 with C in the absence of gases depends to a large extent upon the composition of the basic mixture. The reduction process becomes highly accelerated by the presence of CO or CO_2 . It was established that the thermal decomposition of BaSO_3 into BaSO_4 and BaS is not the phase which determined the rate of formation of BaS. Five references: 4-USSR and 1-USA (1930-1949). Graphs; drawing.

Institution : State University, Scientific Research Institute of Chemistry, Gorkiy

Submitted : December 15, 1953

SADOVNIKOVA, G.I., kandidat biologicheskikh nauk.

Anomalous apple flower. Priroda 46 no.1:117-118 Ja '57. (MLRA 10:2)

1. Yestestvenno-nauchnyy institut pri Molotovskom universitete im.
A.M.Gor'kogo.

(Apple)

USSR / Cultivated Plants. Fruits, Berries.

M-7

Abs Jour : Ref Zhur - Biologiya, No 13, 1958, No. 58737

Author : Sadovnikova, G. I.

Inst : Molotov University

Title : Some Results of Apple Grafting Into the Tops of Frost
Resisting Wildings

Orig Pub : Sad 1 ogorod, 1957, No 7, 43-46

Abstract : Observations, carried out in the experimental-study
farm "Predural'ye" of the Molotov University in 1951-
1955, showed that grafted seedlings of the apple tree,
after their transplantation from the nursery into the
garden, suffered severely from the damage caused by
burns and frostbites to the bark of the stem of the tree.
Experiments of grafting frost resistant wildings
(purple rannet and Siberian berry apple tree aged from
3-7 years) in the upper part of the stem and in the top

Card 1/2

Country : USSR M-8
 CATEGORY :
 ABS. JOUR. : S28101., No. 19 1958, No. 37212
 AUTHOR : ~~Shchegolev, P. I.~~
 INST. : Institute of Natural Sciences at the Molotov*
 TITLE : Development of the Root System of Apple Trees
 Depending on Ecological Conditions
 ORIG. PUB. : Izv. Vsesoyuzn. nauchn. inst. pri Molotovsk.
 No. 13, 1957, 13, No 10, 153-165
 ABSTRACT : Observations were conducted during 1952-1957
 on young trees of Anisik Omskiy planted in the spring of
 1951. Nursery trees two years old, grafted on Chinese
 plum-leaf apple stock, were planted at the same time in
 two different areas, one on elevated ground, the other in
 a valley. Distance between trees 6 m, between rows -- 4 m.
 Root system of Anisik Omskiy on Chinese plum-leaf apple
 stock, extended during the first years following planting
 far beyond the boundaries of the planting hole and the top,
 after 2 years diameter of root system reached 280-300 cm,
 the diameter of the top -- 155-165 cm. Under conditions of
 the valley soil, the roots penetrated to a depth of 2 m
 and spread out extensively at a depth level of 15-50 cm.
 CARD: 1/2
 * University

SADOVNIKOVA, G.I., kand. biolog. nauk

Use of apple trees for the revegetation of inhabited areas in the
cis-Urals. Okhr. prir. na Urale no.2:99-105 '61.

(MIRA 17:7)

FUKS, I.M.; VALEYEVA, F.N.; POPKOVA, F.V.; VOLKOVA, L.P.; BELOGOLOVSKAYA, T.A.;
ROMASHKEVICH, I.K.; Prinimeli uchastiye: MOROZOVA, L.M.; DASHEVSKAYA,
S.I.; VAKHMINA, L.S.; KARAVAYEVA, G.V.; IVANOVSKIY, A.K.; ZHUKHINA,
G.Ye.; SOLOV'YEVA, G.M.; ANDRIYANOVA, M.V.; AKHMETOVA, V.M.;
NEMIROVSKAYA, M.Ye.; MUSORINA, L.S.; KALASHNIKOVA, Ye.I.; PESHKO,
A.P.; IVANOVA, N.V.; ALKESEYEVA, N.I.; SADOVNIKOVA, G.N.

Study on the possibility of reducing the diphtheria vaccine dose in
revaccination of 9 to 12 year-old schoolchildren. Zhur. mikrobiol.,
epid. i immun. 41 no.11;103-107 '65. (MIRA 18:5)

1. Ufimskiy institut vaktsin i syvorotok imeni Mechnikova.

SADOVNIKOVA, I.P.; YEROKHIN, V.N.; KRUGLYAK, S.A.; VERMEL', Ye.M.;
EMANUEL', N.M.

Use of kinetic parameters in the evaluation of the
antineoplastic activity of chemical compounds in an
experiment. Vop.onk. 11 no.11:63-68 '65.

(MIRA 19:1)

1. Iz otdela khimicheskikh i biologicheskikh protsessov (zav. -
chlen-korrespondent AN SSSR N.M.Emanuel') Instituta khimicheskoy
fiziki AN SSSR (direktor - akademik N.N.Semenov).

SADOVNIKOVA, M. N.

"Importance of the Intracutaneous Test With Scarlet Fever-Streptococcus Toxin (Dick Test) in Antiepidemic Practice." Cand Med Sci, Central Inst for the Advanced Training of Physicians, Moscow, 1955. (KL, No 17, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations Defended at USSR Higher Educational Institutions. (16).

ACCESSION NR: AT4037664

S/2981/64/000/003/0227/0236

AUTHOR: Zakharov, Ye. D.; Yugova, V. V.; Kuznetsova, K. N.; Sadovnikova, L. N.

TITLE: Volume changes in semifinished products of alloy V 95 heat treatment

SOURCE: Alyminiyevy*ye splavy*, no. 3, 1964. Deformiruyemy*ye splavy* (Malleable alloys), 227-236

TOPIC TAGS: aluminum, aluminum alloy, alloy V 95, aluminum alloy heat treatment, aluminum alloy aging, aluminum alloy quenching, magnesium admixture, zinc admixture

ABSTRACT: Residual stresses in the material are the basic cause of distortion during machining. These stresses can be produced either by rapid cooling during quenching or by separation of phases from solid solution during aging, and can be alleviated in various ways, e.g., by a light pressing operation in the final die, by subjecting the part to a series of small plastic deformations alternating in sign, or by the method of thermal cycling. In technical aluminum alloys of complex composition, in which intermetallic phases precipitate during artificial aging, the change in specific volume has a complex character. In the present paper, the authors report on the volume changes in alloy V 95 during the process of aging as well as during repeated quenching. Since the lattice constant of Al

Cord 1/4

ACCESSION NR: AT4037664

depends on the amount and kind of admittures, the chemical composition was varied slightly (1.8 or 2.8% Mg, 5.0 or 7.0% Zn, 0 or 1.4% Cu, 0 or 0.35% Mn and 0 or 0.15% Cr). Graphs are presented showing the relative elongation of tested strips versus aging time from 1 to 120 hours at 140 or 160 C (for example, see Fig. 1 of the Enclosure). In tests with specimens containing 7.0% zinc, shrinkage was observed at both 140 and 160 C. The maximal strengthening of the alloy due to aging coincided with the time of maximal shrinkage, after which the length of the specimen practically returned to its initial value. Particularly large shrinkage (0.1%) was exhibited by alloys with Cr, Cu and 7.0% Zn. For parts in which distortion during the aging process is particularly undesirable, V95 alloy with 5.0% Zn is therefore recommended, the volume changes of which are considerably lower and of a monotonous character. With regard to the influence of repeated quenching, tests were conducted with two groups of specimens. Tests with the first group, which was annealed at 450 C for 48 hrs., showed that a slight elongation occurs after the first quenching. During subsequent aging, however, shrinkage takes place, and beginning with the second cycle, the length of the specimens decreases monotonously. Tests with the second group showed that during 13 repeated quenching procedures without consecutive aging, the dimensions of the specimens decreased uniformly in all directions after each quenching. The resultant shrinkage after 13 quenchings was 1.0 - 1.3%. The character of the observed

Card 2/4

ACCESSION NR: AT4037664

shrinkage showed that this phenomenon is not related to processes of phase transformation. The authors recommend that repeated heat-treatment (if such is technologically required) be applied only to rough-machined details. "I. N. Sudzilovskaya, A. I. Dzevoyed and L. P. Tigina also took part in the experimental work." Orig. art. has: 9 figures.

ASSOCIATION: none

SUBMITTED: 00

DATE ACQ: 04Jun64

ENCL: 01

SUB CODE: MM

NO REF SOV: 001

OTHER: 002

Card 3/4

Enclosure 01

SESSION NR: AT4037664

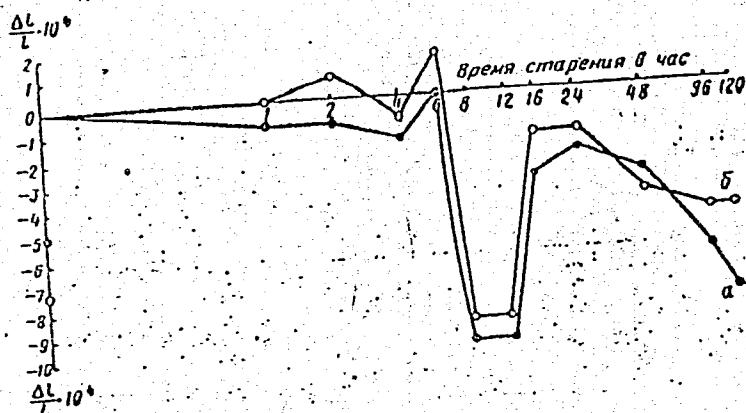


Fig. 1. Change in length of a pressed strip during aging at 140 C.
a - alloy 2V (Al + 1.4% Cu, 2.8% Mg, 0.35% Mn, 7.0% Zn and 0.15% Cr).
b - alloy 4V (Al + 1.4% Cu, 1.8% Mg, 0.35% Mn, 7.0% Zn and 0.15% Cr).

Card 4/4

SADOVNIKOVA, M.N.

SCARLET FEVER

"Statistics on Scarlet Fever in Children with Positive and Negative Dick tests", by M.N. Sadovnikova, Nauchnyye Trudy Moskovskogo Instituta Vaktsin i Syvorotok, 1956, 6, pp 213-218 (from Meditsinskiy Referativnyy Zhurnal, Section 1, No 2, 1957, p 79.)

Research on 6990 children has demonstrated that the rate of scarlet fever in children with a positive Dick test constitutes 7.2%, while those with a negative Dick test is only -- 1.8%.

Card 1/1

- 71 -

SMIRNITSKAYA, N.; SOLNTSEVA, G.; GRITSAY, N.; SADOVNIKOVA, N.

Draft standards for cattle and beef. Mias. ind. SSSR 31 no.4:3--
34 '60. (MIRA 14:7)

(Cattle--Grading)
(Beef--Grading)

TRUSKAVETSKIY, S.Yu.; SADOVNIKOVA, N.M.

Improving the exhaust system. Bum. i der. prom. no.1:44-46
Ja-Mr '63. (MIRA 16:7)

(Exhaust systems)

SADOVNIKOVA, N.V.

TOMME, L.G., kandidat sel'skokhozyaystvennykh nauk; MOZGOVAYA, R.P., kandidat
sel'skokhozyaystvennykh nauk; KARAVAYEVA, S.G.; SADOVNIKOVA, N.V.

Maintenance of cattle before slaughtering. Trudy VNIIMS no.6:140-158
'54. (MLRA 10:8)

(Cattle)

S. A. V. K. O. V. A. Y. A.

MOZGOVAYA, R.P., kandidat sel'skokhozyaystvennykh nauk; ~~SADOVNIKOVA, N.V.~~

Finishing young cattle. Trudy VNIIMS no.6:181-191 '54. (MLRA 10:8)
(Cattle--Feeding and feeding stuffs)

SADOVNIKOVA, N.

MOZGOVAYA, R., kandidat sel'skokhozyaystvennykh nauk; SADOVNIKOVA, N.,
zootekhnik.

Method of speeding up maturation and fattening of calves. Mias.
Ind. SSSR. 25 no. 3:42-43 '54. (MLA 7:7)
(Calves)

MOZGOVAYA, R., kandidat sel'skokhozyaystvennykh nauk; SADOVNIKOVA, N.

Let's improve the finishing of young cattle. Mias.ind. SSSR
26 no.6:43-44 '55. ' (MLRA 9:2)
(Cattle--Feeding and feeding stuffs)

SADOVNIKOVA, N.V.

MOZGOVAYA, R.P., kandidat sel'skokhozyaystvennykh nauk; SOLOV'YEV, V.I.,
kandidat khimicheskikh nauk; SADOVNIKOVA, N.V.; IVANOVA, A.A.

Use of diethylstilbestrol in fattening cattle and its determination
in meat. Dokl.Akad.sel'khoz. 22 no.8:8-12 '57. (MIRA 10:9)

1.Vsesoyuznyy nauchno-issledovatel'skiy institut myasnoy promysh-
lennosti. Predstavleno akademikom N.G. Belen'kim.
(Stilbenediol) (Cattle--Feeding and feeding stuffs)

GRUDEV, D.I., doktor sel'skokhoz. nauk; SADOVNIKOVA, N.V., starshiy nauchnyy sotrudnik; SMIRNITSKAYA, N.Ye.; KARAVAYEVA, S.G.; KOTOV, P.Ya.; RODIONOVSKIY, M.S.; KRYLOVA, N.N., kand. biol. nauk; KRASIL'NIKOVA, T.F., inzhener-khimik; SOLNTSEVA, G.L., aspirant; KUZNETSOVA, V.V., mladshiy nauchnyy sotrudnik; Primali uchastiye: BAZAROVA, K.I.; MALYGINA, M.I.; BUDINSKAYA, S.Z.; SINITSYNA, I.K.

Comparative evaluation of the fattening and slaughtering characteristics of Shorthorn and Kalmyk steers and physico-chemical indices of their meat. Trudy VNIIMP no.16:5-23 '64.
(MIRA 18:11)

KAZBERYUK, N.A.; LITVINOVA, Z.I.; SADOVNIKOVA, R.N.; PEVZNER, G.L.

Experience in using dry living tularemia vaccine and tularin for
allergy skin tests. Zhur.mikrobiol.epid. i immun. 27 no.6:58-61
Je '56. (MLRA 9:8)

1. Iz Ryazanskogo meditsinskogo instituta imeni akademika I.P.
Pavlova, Oblastnoy protivotulyaremiynoy stantsii i Chapayevskoy
rayonnoy sanitarno-epidemiologicheskoy stantsii.

(TULAREMIA, immunol.

vaccine, dry living, use in determ of allergic skin
reaction)

(VACCINES AND VACCINATION

tularemia dry living vaccine use in determ of allergic
skin reaction)

(ALLERGY, etiol. and pathogen.

to dry living tularemia vaccine)

KONDRAT'YEV, Sergey Fedorovich; SADOVNIKOVA, Tat'yana Akimovna;
OSOVSKEYA, I., red.; NEMCHENKO, I., tekhn.red.

[Protecting wood against decaying fungi and beetles] Zashchita
drevesiny ot gnieniya i razrusheniya zhukami. Kiev, Gos.izd-vo
lit-ry po stroit. i arkhitekt.USSR, 1959. 197 p. [Tables for
visual determination of defects in wood] Tablitsy dlia
vizual'nogo opredeleniya porokov drevesiny. 16 plates.

(MIRA 13:4)

(Wood preservation)

USMANOV, Kh.U.; SADOVNIKOVA, V.I.; KOZIN, G.M.

Purification of cotton cellulose. Uzb. khim. zhur. no.2:21-28 '58.
(MIRA 11:8)

1.Chlen-korrespondent AN UzSSR (for Usmanov). 2. Institut khimii
rastitel'nykh veshchestv AN UzSSR.
(Cellulose)

SADOVNIKOVA, V. I.: Master Agric Sci (diss) -- "Approbation of seed potatoes during the winter keeping period". Leningrad, 1959. 20 pp (All-Union Order of Lenin Acad Agric Sci im V. I. Lenin, All-Union Inst of Plant Growing), 150 copies (KL, No 13, 1959, 127)

SADOVNIKOVA, V.I.; USMANOV, Kh.U.

Synthesis of acetylcyanocethylated cellulose and its properties.
Khim. i fiz.-khim. prirod. i sint. polim. no.1:39-44 '62

(MIRA 18:1)

1. Chlen-korrespondent AN UzSSR (for Usmanov).

SADOVNIKOVA, V.I.; ZAUROV, R.I.; USMANOV, Kh.U.

Effect of cyanoethylation on the physical and mechanical properties of cotton fiber, yarn, and fabric. Khim. i fiz.-khim. prirod. i sint. polim. no.1:45-52 '62 (MIRA 18:1)

1. Chlen-korrespondent AN UzSSR (for Usmanov).

SADOVNIKOVA, V.I.; USMANOV, Kh.U.; KOZ'MINA, O.P.

Increasing the thermal stability of cotton fiber by means
of its partial cyanoethylation. Zhur. prikl. khim. 36 no.11:
2522-2526 N '63. (MIRA 17:1)

1. Institut khimii polimerov i institut vysokomolekulyarnykh
soyedineniy AN SSSR.

SADOVNIKOVA, V.I., starshiy nauchnyy sotrudnik; LYTAYEVA, G.K., aspirantka

Virus disease of Priekule early potatoes. Zashch. rast. ot vred.
i bol. 9 no.12:12-14 '64. (MIRA 18:4)

1. Vsesoyuznyy institut zashchity rasteniy.

SADOVNIKOVA, V. M.

27
The metallurgy of thorium. G. E. Kaplan, T. A. Uspenskaya, and V. M. Sadovnikova. *Issledovan. v Oblasti Geol., Khim. i Met.* (Moscow: Izdatel. Akad. Nauk S.S.S.R.) *Sbornik* 1955, 103-12; *Referat Zhur. Met.* 1956, No. 6280. —In electrolysis of the fused mixts. of $KF \cdot ThF_4$, $NaF \cdot ThF_4$, and $NaCl \cdot ThF_4$, the optimal granulometric compn. of Th powder was obtained at the c.d. ~ 20 amp./sq. dm; and temp. 800° in a yield, based on current and metal, of $\sim 70-80\%$. To maintain the optimal temp., the c.d. by vol. must be 60-70 amp./kg. of electrolyte; the critical c.d. of the anode is 0.5 amp./sq. dm. The cathode rods contain $\sim 50\%$ by wt. of electrolyte.

Alexis N. Pestoff

RB
MT

7

CH

Photoelectric method of determining acetylene in air.
M. Rubanik and B. Sadovnikova. *Novosti Tekhniki*
1940, No. 9, 32-3. The CH_3CH is first absorbed in an
Hovay soln. The tube contg. the Hovay soln. is placed
between the source of current and the photocell and the
absorption of light by the glass and soln. (I_0) as well as
the absorption of light by the soln. (I_a) contg. the CH_3CH
are detd. The index of absorption is $\alpha = 1/g \cdot I_0 - I_a$.
The I_0 with I_a recorded by the galvanometer. The
index is plotted against the concn. of CH_3CH . The
method was used with good results in the analysis of air in
industrial plants contg. 0.5×10^{-6} to $0.5 \times 10^{-10}\%$ of
 CH_3CH . A diagram of the set-up is included.
B. Z. Kamich

ASB-3LA METALLURGICAL LITERATURE CLASSIFICATION

17291 RD-174
81137 GEC 3-4 151

SADOVNIKOVA, Ye. A.

PA 67T11

USSR/Chemistry - Triphenylmethyl
Chemistry - Water, Heavy

Apr 1948

"The Stability of Hydrogen Atoms in Free Triphenylmethyl," A.S. Fomenko, Ye. A. Sadovnikova, Sec of Chem of Isotopes, Inst of Phys Chem imeni L.V. Pisarzhevskiy, Acad Sci, Ukr SSR, 2½ pp

"Zhur Fiz Khim" Vol XXII, No 4

Study of the capacity of the hydrogen atoms of the free radical, triphenylmethyl, to interchange with atoms of deuterium in heavy water or heavy acetone. No such exchange was observed during heating up to 100° over a period of up to 150 hours. Submitted 1947.

67T11

SADOVNIKOVA, Ye. A.

Mbr., Sect. Chemistry of Isotopes, Inst. of Phys. Chem. im. L. V. Pisarzhevskiy, Dept.
Physico-Math & Chem. Sci., Ukr. Acad. Sci., -c1948-. "Mechanism of the Claisen Rearrangement
Dok. AN, 62, No. 1, 1948; "Stability of Hydrogen Atoms in Free Triphenylmethyl," Zhur.
Fiz. Khim. 22, No. 4, 1948.

CA

10

Mechanism of the Claisen rearrangement. A. S. Fomenko and E. A. Sadovnikova (L. V. Pisarzhev Inst. Phys. Chem., Acad. Sci. Ukr. S.S.R.). *Zhur. Obshchei Khim.* (J. Gen. Chem.) 20, 1898-1903 (1950); cf. *C.A.* 43, 6921. —The existing data on investigations of the reaction are critically reviewed and it is pointed out that at this time no conclusive evidence exists for a final decision as to an intra- or intermol. mechanism of the primary step. The ortho-rearrangement of $\text{CH}_2=\text{CHCH}_2\text{OPh}$ in the presence of phenol-3,5- D_2 by refluxing in a N atm. 6 hrs. gave 65% *o*-allylphenol, isolated either by extrn. with 20% NaOH, acidification, extrn., and fractionation, or by pptn. of allylphenol with HgCl_2 as 2-(chloromercurimethyl)-2,3-dihydrobenzofuran; combustion of the product showed the absence of *o*-allylphenol-3,5- D_2 . A similar result was obtained on refluxing $\text{PhCH}=\text{CHCH}_2\text{OPh}$ in the presence of allylphenyl-3,5- D_2 ether 4 hrs. in a CO_2 atm. Thus, the ortho rearrangement in these cases takes place initially by an intramol. route. The phenol-3,5- D_2 was prepd. according to Brodskii, *et al.* (*C.A.* 44, 8882e); its allyl ether, prepd. from allyl bromide as usual (cf. Houben, *Die Methoden der org. Chemie*, vol. III, *C.A.* 24, 1389), b_p 104-6°. *n*-(1-Phenylallyl)phenol b_p 176.5-7.5°. G. M. K.

SADOVNIKOVA, E. I., KASSIRSKY, I. A., Prof., NESMELOVA, V. V. and TARANUKHINA, Z. V.
from the Third Therapeutic Department (Director, Prof. I. A. Kassirsky) of the
Central Institute of Medical Training.

"The Topical and Controversial Problems of Therapy and Diagnostics of Acute
Leukemias" *Problems of Hematology of Blood Transfusion, No. 1, 1976*

abstract--B-99405

KASSIRSKIY, I.A., prof.; NESMELOVA, V.V.; TARANUKHINA, Z.V.;
SADOVNIKOVA, Ye.I.

Current and controversial problems in the treatment and diagnosis
of acute leukoses. Probl.gemat.i perel.krovi 1 no.1:16-23 Ja-F '56.
(MIRA 14:1)

1. Iz 3-y terapevticheskoy kafedry (zav. - prof. I.A. Kassirskiy)
TSentral'nogo instituta usovershenstvovaniya vrachey.
(LEUKEMIA)

PIZYURA, I.I., elektromekhanik; NIKOGOSOV, S.A., elektromekhanik; SADOVODOV, G.Ye., monter

Suggestions of efficiency experts. Avtom., telem.i svyaz' 4
no.3:36-37 Mr '60. (MIRA 13:7)

1. Voznesenskaya distantziya signalizatsii i svyazi Odesskoy dorogi (for Pizyura). 2. Tbilisskaya distantziya signalizatsii i svyazi Zakavkazskoy dorogi (for Nikogorsov); 3. Ryazanskaya distantziya signalizatsii i svyazi Moskovskoy dorogi (for Sadovodov).
(Railroads--Signaling)

DYADECHKIN, N.I.; SADOVY, I.P.; DOLOGOV, V.V.

Mining hard ore with the use of short-delay blasting. Mat. i gornerud.
chem. no. 6149-61 N-D '63. (MIRA 1801)

LINNIK, G.F., kand. tekhn. nauk; NIKULIN, S.Ye., kand. tekhn. nauk;
SULIMA, G.S., inzh.; SADOVOY, I.P., inzh.

Certain results of the use of short-delay blasting in the
Dzerzhinskii mine. Izv. vys. ucheb. zav.; gor. zhur. 6 no.9:
94 '63. (MIRA 17:1)

1. Institut avtomatiki Gosplana UkrSSR (for Linnik).
2. Krivorozhskiy gornorudnyy institut (for Nikulin, Sulima,
dovoy). Rekomendovana kafedroy shakhtostroyeniya i
provedeniya gornykh vyrabotok Krivorozhskogo gornorudnogo instituta.

DYADACHIN, N.I.; SADOVYI, I.I.; OLSOV, V.A.

Practice of using short-delay blasting in mining hard ores
at the R. Luksenburg Mine. "Dokl. nauch. truz. i izob. no. 23:23-28
'63 (1963, 17:3)

DYADECHKIN, N.I.; SAFOVOY, I.F.; PONOMARENKO, K.F.; KUKHTA, P.Z.

Overpacking explosive in boreholes in short-delay blasting.
Sbor. nauch. trud. KGB no.23:40-41 '65 (MIRA 17:8)

DYADECHKIN, N.I., gornyy inzh.; SADOVOY, I.P., gornyy inzh.; PONOMARENKO, K.F., gornyy inzh.; KUKHTA, P.Z., gornyy inzh.

Short-delay blasting in medium hardness ores with fan distribution of the boreholes. Gor. zhur. no.5:39-40
My '64. (MIRA 17:6)

1. Krivorozhskiy gornorudnyy institut (for Dyadachkin, Sadovoy, Ponomarenko). 2. Rudoupravleniye im. Korinterna, Krivoy Rog (for Kukhta).

SADOVOY, I.P., inzh.; FEDORENKO, P.I.

Using short-delay blasting of chamber charges at the Frunze
Mine. Vzryv. delo no.55/12:227-230 '64. (MIRA 17:10)

1. Krivorozhskiy gornorudnyy institut.

MALAKHOV, G.M., doktor tekhn. nauk; DYADECHKIN, N.I., kand. tekhn. nauk;
SADOVOY, I.P., inzh.

Charging techniques and the making of blasting networks for
short-delay blasting in stoping. Vzryv. delo no.57/14:315-
319 '65. (MIRA 18:11)

1. Krivorozhskiy gornorudnyy institut.

57 D 12:55-57 D '57
SADOVOY, I.Ye.

Refractometric determination of saturation coefficients. Sakh. prom.
31 no.12:55-57 D '57. (MIRA 11:1)

1. Leningradskiy tekhnologicheskii institut pishchevoy promyshlennosti.

(Sugar--Analysis and testing)

SADOVOY, K.I.

On the problem of studying the river runoff. Amur. stor. no. 1:135-
140 '59. (LIFA 14:2)

1. Dal'nevostochnyy filial Giprolestransa.
(Amur Valley—Runoff)

SADOVOY, L., rabochiy

Painting is my recreation. Mast. ugl. 9 no. 10:25 0'60.
(MIRA 13:10)

1. Shakhta No. 6 - 6-bis Kyzylkiyskogo rudoupravleniya,
Kirgizskogo sovnarkhoza.
(Coal miners)

KAZAKOV, N.I., tekhnik; AMURSKIY, B.S., inzh.; KOVALENKO, N. Ye., inzh.
SADOVOY, M.G., inzh.

Using metal falsework and a concrete placer in the lining of galleries.
Shakht. stroi. 5 no.6:24-26 Je '61. (MIRA 14:6)

1. Leninogorskoye shakhtostroyupravleniye.
(Mine timbering)

KAZAKOV, N.I., tekhnik; AMURSKIY, B.S., inzh.; KOVALENKO, N.Ye., inzh;
SADOVOY, M.G., inzh.

Drilling rig with automatic devices for bore hole sinking.
Shakht.stroi. 6 no.2:12-16 F '62. (MIRA 15:2)

1. Leninogorskoye shakhtostroyupravleniye.
(Rock drills)

AMURSKIY, B.S., inzh.; KAZAKOV, M.I., inzh.; KOVALENKO, N.Ye., inzh.;
SADOVOY, M.G., inzh.

The LPBU-2 pneumatic concrete placer for mines. Mekh. stroi.
19 no.5;24-25 My '62. (MIRA 15:5)
(Concrete construction)
(Tunnel lining)

KAZAKOV, N.I., gornyy tekhnik; AMJRSKIY, B.S., gornyy inzh.; KOVALENKO,
N.Ye., gornyy inzh.; SADOVOY, M.G., gornyy inzh.

Support and drill steel holder for core drills. Gor.zhur.
no.8:67-68 Ag '62. (MIRA 15:8)

1. Leninogorskoye shakhtostroyupravleniye.
(Core drilling--Equipment and supplies)

LUTOV, N.I.; SADOVOY, N.Ye.; DANILENKO, N.A., red.; NETETA, P.P.,
red.; FAMROSOV, N.M., tekhn. red.

[Kherson Province in facts and figures] Khersonskaia oblast' v
tsifrah i faktakh; materialy dlia propagandistov i agitatorov.
Kherson, Khersonskoe knizhno-gazetnoe izd-vo, 1960. 167 p.
(MIRA 15:11)

1. Sekretar' Khersonskogo oblastnogo komiteta Kommunisticheskoy
partii Ukrainy (for Danilenko).
(Kherson Province--Statistics)

OVCHINNIKOV, F.V., inzh.; LAPTEV, V.I., inzh.; SADOVOY, P.N., inzh.

Extinguishing methane fire in longwalls. Bezop.truda v prom. 3
no.3:24-25 Mr '59. (MIRA 12:4)
(Donets Basin--Coal mines and mining--Fires and fire prevention)

SADOVSHCHIKOVA, A.A.

Utilization of homemade school appliances. Fiz. v shkole 16 no.4:
92 J1-Ag '56. (MIRA 9:9)

1. Zaveduyushchiy metodicheskim kabinetom Baykalovskogo rayona
Tyumenskoy oblasti.
(Physical instruments)

CZECHOSLOVAKIA/Chemical Technology: Chemical Products
and Their Application, Part 3: - Drugs. Vitamins.
Antibiotics.

H

Abs Jour: Referat. Zhurnal Khimiya, No 21, 1958, 71760.

Author : Z. Alexa, J. Hejlek, J. Sadovska¹.

Inst :

Title : Upon the Methods of Control of ~~Galenical~~ Preparations
According to the Czechoslovak Pharmacopeia.

Orig Pub: Farmacia (Ceskosl.), 1956, 25, No 9, 279-281.

Abstract: No abstract.

Card : 1/1

SADOVSKAYA, A.G. [Sadovs'ka, A.H.], aspirant; LESHCHINSKAYA, S.S.
Leshchyns'ka, S.S.].

Early diagnosis of influenza in children. Pediat. akush. ginek.
no.3:8-10'63 (MIRA 17:1)

1. Otdel profilaktiki i terapii detskikh bolezney (zav. - kand.
med. nauk A.O.Andrushchuk) i laboratoriya virusologii Ukrainsko-
go nauchno-issledovatel'skogo instituta okhrany materinstva i
detstva (direktor - kand. med. nauk O.G.Pap [Pap. O.H.]).

BONDAR', M.V., kand. med. nauk; DASHKEVICH, V.Ye.; SADOVSKAYA, A.G.

Edematous form of the hemolytic disease in newborn infants. Akush. i
gin. no.6:52-56 N-D '63. (MIRA 17:12)

1. Iz Ukrainського nauchno-issledovatel'skogo instituta okhrany materin-
stva i detstva imeni P.M.Buyko (direktor - kand. med. nauk A.G.Pap).

L 64767-65 EPF(c)/EPF(n)-2/EWP(j)/EWA(h)/EWT(m)/T/EWA(1) GG/RM
 UR/0190/65/007/008/1306/1309
 678.01:535.34
 ACCESSION NR: AP5020962
 AUTHOR: Slovkhotova, N. A.; Sadovskaya, G. K.; Vasil'yev, L. A.; Kargin, V. A.
 TITLE: Investigation of the effect of fast electrons on the structure of poly(vinyl chloride)
 SOURCE: Vysokomolekulyarnyye soyedineniya, v. 7, no. 8, 1965, 1306-1309
 TOPIC TAGS: polyvinyl chloride, conjugated polymer, IR analysis, ionizing radiation, polymer structure
 ABSTRACT: The effect of ionizing radiation on the structure of poly(vinyl chloride) has been studied by IR spectroscopy. Irradiation was carried out in vacuum at 200 or -196C with fast electrons from an electron accelerator source with 400-800 Mrad doses. It was found that irradiation caused: 1) dehydrochlorination to form isolated or conjugated vinylene double bonds, 2) break of the backbone to form end-group double bonds and methyl groups, and 3) aromatic system formation. The nature of the structural changes depended on the irradiation temperature. For example, irradiation

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L 64767-65

ACCESSION NR: AP5020962

with 800 Mrad at 20C caused an increase in the conjugated double bond concentration and the appearance of aromatic systems. Orig. art. has: 1 figure and 2 formulas. [SM]

ASSOCIATION: Fiziko-khimicheskiy Institut im. L. Ya. Karpovaya (Physicochemical Institute)

SUBMITTED: 01Aug64

ENCL: 00

SUB CODE: OC, OP

NO REF SOV: 000

OTHER: 011

ATD PRESS: 4080

Card 2/2

SADOVSKAYA, G. K.

✓ Changes in the infrared absorption spectra of crystalline and amorphous polymers during softening and solidification. G. S. Markova, G. K. Sadovskaya, and V. A. Kargin (L. Ya. Karpov Phys. Chem. Inst., Moscow). Zhur. Fiz. Khim. 30, 437-41 (1956); cf. C.A. 47, 11888T; 49, 4318g, 13879f; 50, 7646c. An infrared spectroscopic investigation has been made of gutta-percha, poly(vinylchloroethylene, polystyrene, polydichlorostyrene, poly(vinyl chloride) and poly(methyl methacrylate) from room temp. to their m.p. or softening points. The absorption spectra of the cryst. polymers undergo a sharp change near their m.p.s., while the amorphous polymers show no changes at above their softening temps. An analogy seems to exist between the so-called cryst. polymers and their low-mol. compds. with respect to their crystal size and the nature of their melting processes.

W. M. Sternberg

M. A. YOUT-2
2 copies

PM

SADOVSKAYA, G.K., SLOVOKHATOVA, N. A.

"The Effects of High-Speed Electrons on the Structure of Polyethylene Terephthalate."

Report to be submitted Intl. Symposium Macromolecular Chemistry
Montreal, Canada - 27 July - 1 Aug. '61

Karpov Institute of Physical Chemistry, Moscow, U.S.S.R.

21130

S/190/61/003/004/003/014
B101/B207

5.4500

1273, 1304, 2209

AUTHORS: Slovkhotova, N. A., Sadovskaya, G. K., Kargin, V. A.

TITLE: Effect of fast electrons upon the polyethylene terephthalate structure

PERIODICAL: Vysokomolekulyarnyye soyedineniya, v. 3, no. 4, 1961, 515-520

TEXT: It was the aim of the present study to clarify whether, in the case of ionizing irradiation of polyethylene terephthalate (PETP) 1) cross linking (according to A. Charlesby, Nature, 171, 167, 1953); 2) destruction (according to E. Little, Nature, 173, 650, 1954 and A. Todd, Nature, 174, 613, 1954), occur, or if 3) both processes take place. The studies were made on 5-25 μ thick PETP films, orientated by rolling. The sample was irradiated by means of a 200-kv accelerator at 10^{-4} mm Hg, and room temperature. Structural change was recorded by means of an H-800 (N-800) infrared spectrophotometer, the electron spectra were recorded by means of an C Φ -4 (SF-4) spectrophotometer. Furthermore, the solubility of the irradiated polymer samples was examined in o-chlorophenol. The following papers are discussed: D. Grime,

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B101/B207

Effect of ...

J. Ward (Trans. Faraday Soc., 54, 959, 1959), W. W. Daniels, K. E. Kitson, (J. Polymer Sci., 33, 161, 1958), A. Miyake, (J. Polymer Sci., 38, 479, 1959), and C. Z. Liang, S. Krimm, (J. Molec. Spectroscopy, 3, 554, 1958). From the fact that the broad band with maxima at 1470 and 1445 cm^{-1} of irradiated PETP changes after irradiation, with the 1445 cm^{-1} band intensity increasing, the 1470 cm^{-1} band, however, vanishing, or being greatly weakened, it is concluded that the group $\text{—O—CH}_2\text{—CH}_2\text{—O—}$ passes over from the trans- into

the gauche configuration with part of the radiation energy being transformed into oscillation energy. The fact, that, after one hour of heating to 140°C, the intensity of the bands corresponding to the crystalline structure and the trans-configuration increases somewhat, indicates the reversibility of the transformation, and a few cross-linkings. The considerable shift of the boundary of absolute absorption in the electron spectra toward great wave lengths (Fig. 2), as well as the occurrence of characteristic bands in the IR spectrum proves the formation of conjugate polyphenyl systems. The solubility of PETP in o-chlorophenol decreased from 70% to 15% when the radiation dose was increased from 250 to 500 Mrad. At the same time, the capability of swelling in o-chlorophenol increased from 800 to 2200%. Accordingly,

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B101/B207

Effect of ...

besides cross linking, also destruction processes occur. The energy for these two processes is higher than that required for the cross linking of styrene. The isomerization observed in individual sections of the polymer chain indicates that the energy transfer is accompanied by a deformation wave. There are 2 figures and 12 references: 4 Soviet-bloc and 8 non-Soviet bloc. The references to English language publications are given in the text of abstract.

ASSOCIATION: Fiziko-khimicheskiy institut im. L. Ya. Karpova
(Physicochemical Institute im. L. Ya. Karpov)

SUBMITTED: June 30, 1960

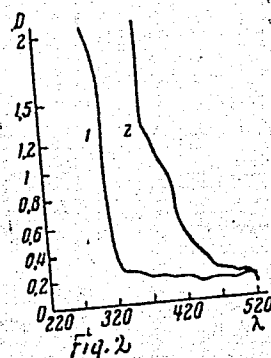
Card 3/4

21130

S/190/61/003/004/003/014
B101/B207

Effect of ...

Fig. 2. Electron spectrum of a polyethylene terephthalate film ($d = 25 \mu$).
Legend: 1) unirradiated; 2) irradiated with 2000 Mrad.



Card 4/4

L 55209-65 EWG(j)/EWT(1)/EWT(m)/EWG(v)/EWP(j)/EEO(t)/T/EED(b)-3/EWA(h)/
EWA(1) Ps-4/Ps-5/Peb/Pl-4 IJP(c) RM
ACCESSION NR: AR5012259 UR/0058/65/000/003/D035/D035

SOURCE: Ref. zh. Fizika, Abs. 3D258

AUTHOR: Sadovskaya, G. K.; Slovokhotova, N. A.; Vasil'yev, L. A.; Kargin, V. A.

TITLE: Use of infrared spectroscopy to study the effect of fast electrons on polyamides

CITED SOURCE: Tr. Komis. po spektroskopii. AN SSSR, vyp. 1, 1964, 483-487

TOPIC TAGS: molecular spectroscopy, electron paramagnetic resonance, electron bombardment, polyamide

TRANSLATION: Kapron, enant, pelargon and undecane were bombarded with fast electrons and their infrared spectra studied. Changes were observed in the confirmation of the chains and the formation of double bonds in the 980 cm^{-1} band and of ion radicals in the 2150 cm^{-1} band were also observed. The data was compared with measurements from the electron paramagnetic resonance spectra. The mechanism for processes that occur in the irradiation of polyamides is proposed.

Card 1/2/

POLYANSKIY, N.G.; TULBPOV, P.Ye.; SADOVSKAYA, G.K.; SLOVOKHOTOVA, N.A.

Mechanism of thermal desulfuration of the hydrogen form of ion exchanger KU-2 in hydrocarbon media. Zhur. prikl. khim. 38 no.4: 910-918 Ap '65. (MIRA 18:6)

1. Novokuybyshevskiy filial nauchno-issledovatel'skogo instituta sinteticheskikh spirtov i organicheskikh produktov i Nauchno-issledovatel'skiy fiziko-khimicheskii institut imeni Karpova, Moskva.

S. P. D. V. S. I. N. Y. I. G. V.
POPOV, V.G.; SADOVSKAYA, G.V.

Myocardial infarctions in defects of the heart. Terap. arkh.
27 no.5:23-30 '55. (MLRA 8:12)

1. Iz fakul'tetskoy terapevticheskoy kliniki (dir.deystvi-
tel'nyy chlen AMN SSSR prof. V.N.Vinogradov) I Moskovskogo ordena
Lenina meditsinskogo instituta.

(MYOCARDIAL INFARCTION, complications,
cardiovasc.dis.)

(CARDIOVASCULAR DISEASES, complications,
myocardial infarct.)

BABSKIY, Ye.B.; KARPMAN, V.L.; SADOVSKAYA, G.V.; TISHCHENKO, M.I.

Physicophysiological study of the high-frequency ballistocardiogram of a healthy man. Kardiologiya 2 no.1:44-52 Ja-P '62. (MIRA 15:5)

1. Iz laboratorii klinicheskoy fiziologii (zav. - akademik AN USSR Ye.B.Babskiy) Instituta normal'noy i patologicheskoy fiziologii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. V.V.Parin) i Instituta terapii AMN SSSR (dir. - deystvitel'nyy chlen AMN SSSR prof. A.L. Myasnikov).

(BALLISTOCARDIOGRAPHY)

KARPMAN, V.L., kand.med.nauk; ABRIKOSOVA, M.A.; IOFFE, L.A.; OLENINA, K.S.;
SADOVSKAYA, G.V.

Contractility of the myocardium in cardiac aneurysms.

Kardiologiya 2 no.3:35-40 My-Je '62.

(MIRA 16:4)

1. Iz laboratorii klinicheskoy fiziologii (zav. - akademik
AN UkrSSR Ye.B.Babskiy) Instituta normal'noy i patologicheskoy
fiziologii (dir. - deystvitel'nyy chlen AMN SSSR V.V.Parin)
AMN SSSR i Instituta terapii (dir. - deystvitel'nyy cheln AMN
SSSR A.L.Myasnikov) AMN SSSR.

(HEART--DISEASES)

(ANEURYSMS)

ALMAZOYEVA, V. V.; BATAYEV, P. S.; STAVROVSKAYA, V. I.; AKSEYENKO, G. R.;
BEZZUBOVA, V. P.; VOROB'YEVA, Z. G.; GLADKIKH, V. F.; ZHUKOVA, L. I.;
ZUYEVA, N. K.; KOROGODINA, Yu. V.; KLIMOVA, L. P.; KRYLOV, A. S.;
MASLOV, A. V.; PEYKRE, A. E.; ~~SADOVSKAYA, G. Yu.~~; SPERANSKAYA, V. N.;
SOLOVEY, V. Ya.; TURCHINS, M. Ye.; SHAMRAY, A. F.; SHIPITSINA, N. K.;
SHINKEVICH, M. A.

Field trials of new repellents. Med. paraz. i paraz. bol. no.4:
457-464 '61. (MIRA 14:12)

1. Iz entomologicheskogo otdela i otdela sinteticheskikh preparatov
Instituta meditsinskoy parazitologii i tropicheskoy meditsiny imeni
Ye. I. Martsinovskogo Ministerstva zdravookhraneniya SSSR (dir. -
instituta - prof. P. G. Sergiyev, zav. otdelami - prof. V. N.
Beklemishev i prof. V. I. Stavrovskaya)

(INSECT BAITs AND REPELLENTS)

SADOVSKAYA, I.A.; KAGAN, Yu.L.

Cleidocranial dysostosis diagnosed in a newborn infant. *Pediatria*
38 no.10:75-77 0 '60. (MIRA 13:11)

1. Iz rodil'nogo doma No.7 imeni Grauermana (glavnyy vrach
Ye.I. Bulanov).

(DYSOSTOSIS)

1. PCDGORODETSKIY, N. P.; SALOVSKAYA, L. I.
2. USSR (600)
4. Chicken Pox in Poultry
7. Pox-diphtheria in turkeys, Nauch. trudy UIEV, No. 18, 1951.
9. Monthly List of Russian Accessions, Library of Congress, March, 1953. Unclassified.

PODGORODETSKIY, N.P., vetvrach.; SADOVSKAYA, L.I., vetvrach.

Treatment of trichomonal colpitis in cattle. Sbor. trud. Khar'. vet.
inst. 22:327-331 '54. (MIRA 9:12)

1. Khar'kovskaya oblvetbaklaboratoriya.
(Vagina--Diseases) (Veterinary medicine)

SADOVSKAYA, L. V.

✓ 2083. Determination of bivalent manganese by means of oxalic acid. A. Kh. Batalin and L. V. Sadoyskaya. *Vestnik Khim. Obshch. im. D. I. Mendeleeva, Chkalovskoe Otd.* 1964, (8), 10-23; *Ref. Zhur., Khim.*, 1965, Abstr. No. 28,482. — To detect Mn^{II} , 1 ml of the solution is shaken with 2 drops of 25 per cent. NaOH soln. and N oxalic acid is added dropwise. The ppt. dissolves to give a raspberry-red soln. The complex with oxalic acid starts to form at pH ≈ 7 . The min. amount detectable is 6 μg of Mn per ml, and the limiting dilution is 1 in 200,000. Most of the usual cations do not interfere and do not lower the sensitivity. Interference is caused by reducing agents, e.g., Fe^{II} , $Fe(CN)_6^{4-}$ and SO_3^{2-} , and large amounts of Co. Tartrate, citrate, $K_2P_2O_7$, NH_4Cl , NaF, sodium acetate, Na_2HPO_4 , Na_2CO_3 , and ammonium carbonate do not interfere.
G. S. SMITH

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5000

3.2 DEUS 4 12x2 1. V.
USSR/Soil Science. Physical and Chemical Properties of Soils.

I-3

Abs Jour: Referat Zh-Biol., No 6, 25 March, 1957, 22465

Author : Sadovskaya, L.V.

Inst :

Title : Determination of Manganese Content in Soils of the Adamov
Section of the Chkalov Oblast'.

Orig Pub: Vestn. Chkalovsk. otd. Vses. khim. o-va im. D. I. Mendeleeva,
1956, No 6, 49-51.

Abstract: The Mn content was determined in chernozem soils and in salt
marshes. The method used for determining small quantities of
Mn in soils, plants and animal organisms was suggested by A. K
Lavrukina (Methods of Trace Element Determination, Moscow,
1950). The quantity of Mn in chernozem soils ranged (in percen-
tages) from 0.0932-0.0132; in salt marshes it diminished to
0.0058. The investigations were conducted in the Chkalov Agri-
cultural Institute.

Card : 1/1

-17-

4 Sadovskaya, L.V.

Country : USSR
 Category : Soil Science. Physical and Chemical Properties of Soils.
 Abs Jour : RZhBiol., No 6, 1959, No 24611
 Author : Batalin, A. Kh.; Bogdanova, Ye. S.; Porova, A. A.; Sadovskaya, L. V.; Salimova, L. U.; Khmelovskaya, N. A.; Stark, P. A.
 Inst : All-Union Chemical Society (Inst. D. I. Mendeleev)
 Title : Soil contents of Boron, Cobalt, Copper, Manganese, Nickel, Magnesium and Fluorine in Chernozem soils of the Geraschinsky Rayon in Chkalovskaya Oblast.
 Orig Pub : Vest. Chkalovskogo obl. otd. Vses. khim. o-va im. D. I. Mendeleeva, 1957, Vyp. 7, 7-9
 Abstract : Determination of the microelements was conducted in the arable and subarable horizons of chernozem soils under different cultivations.
 Card : 1/3

Abstract : Analyses were conducted according to the methods of the Institute of Geochemistry and Analytical Chemistry AS USSR. The contents of the microelements in the soils were determined by the method of accurate percentage: B, 0.00057-0.0017; Co, 0.0001-0.0004; Cu, 0.0003-0.0117; Mn, 0.00011-0.00043; Ni, 0.00044; Zn, 0.0027-0.057. P, 0.0013-0.0018. The quantity of the microelements in the five-

Card : 2/3

26

Orig Pub

Abstract : Stigated soils corresponds to their average content in the chernozem soils of the USSR.
 ~ M. N. Kubyatsev

Card : 3/3

MEYERSON, F.Z.; SADOVSKAYA, L.Yu.; POGOSYAN, L.A.

Blocking role of sulphhydryl groups in the mechanism of the
action of cardiac glycosides. Dokl. AN SSSR 150 no.3:702-704
My '63. (MIRA 16:6)

1. Institut normal'noy i patologicheskoy fiziologii AMN SSSR.
Predstavleno akademikom A.N. Bakulevym.
(Cardiac glycosides)
(Mercapto group)

SHALOV, I.I.; KOZLOVA, E.I.; SADOVSKAYA, L.Z.; KHOKHLOVA, Z.S.

Studying the properties of artificial fur fabrics. Nauch.-issl.
trudy VNIITP no. 5:166-179 '64 (MIRA 19:1)